

## SilverNet MAX 240-PCP Network bridge 240 Mbit/s White

**Brand :** SilverNet

**Product code:** SIL MAX 240-PCP

**Product name :** MAX 240-PCP



- Point-to-Point Outdoor Wireless Bridge Up to 20KM
- Point-to-MultiPoint Client
- 240Mbps throughput
- Integrated Dual 25dBi Antenna
- Designed for Outdoor applications
- SNMP
- AES Encryption up to 256bit
- MIMO with spatial multiplexing
- DFS (Dynamic Frequency Selection)
- TPC (transmit Power Control)
- PoE 802.3af
- Upgradable to 500Mbps

240Mbps, 25dBi, PoE, MIMO, DFS, 1G LAN, 370x370x90 mm, pre-configured

SilverNet MAX 240-PCP. Maximum data transfer rate: 240 Mbit/s, Maximum transfer distance: 60000 m, Supported data transfer rates: 95, 240, 500Mbps. Antenna design: Internal, Antenna gain level (max): 23 dBi, Pan/tilt-axis range: 180°. Wi-Fi band: Single-band (5 GHz), Top Wi-Fi standard: Wi-Fi 5 (802.11ac), WLAN data transfer rate (max): 1300 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet, Ethernet LAN data rates: 10,100,1000 Mbit/s, Networking standards: IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x. Connectivity technology: Wired & Wireless

Data transmission		Features	
Maximum data transfer rate *	240 Mbit/s	Surge protection	✓
Maximum transfer distance	60000 m	Quality of Service (QoS) support	✓
Supported data transfer rates	95, 240, 500Mbps	Wi-Fi Multimedia (WMM)/(WME)	✓
<b>Antenna</b>		Network Time Protocol (NTP) client	✓
Antenna design	Internal	Mean time between failures (MTBF)	60000 h
Antenna gain level (max)	23 dBi	<b>System requirements</b>	
Pan/tilt-axis range	180°	Minimum system requirements	Internet Explorer, Google Chrome, Mozilla Firefox
Antennas quantity	1	Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
<b>Wireless LAN features</b>		<b>Power</b>	
Wi-Fi	✓	Power source type	DC, PoE
Wi-Fi band	Single-band (5 GHz)	AC input voltage	100-240 V
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Power supply	15.4 W
WLAN data transfer rate (max)	1300 Mbit/s	DC input voltage	24-48/48-56 V
Frequency band	5.1 - 5.8 GHz	Power consumption (typical)	6 W
Transmission gain	0 - 23 dB	Power consumption (max)	16 W
Signal strength	-40 dBm	Power over Ethernet (PoE)	✓
Channels quantity	25 channels	Power over Ethernet (PoE) voltage	48 V
Modulation	16-QAM, 64-QAM, 256-QAM, BPSK, QPSK	Power plug type	Type G
Receiver sensitivity	-82dBm@54Mbps, -74dBm@300Mbps, -68dBm@1.3Gbps	<b>Operational conditions</b>	
Output power (dBm)	26	Operating temperature (T-T)	-20 - 70 °C
Indoor range	60000m	Operating temperature (T-T)	-4 - 158 °F
Outdoor range	60000m	Operating relative humidity (H-H)	0 - 95%
<b>Network</b>		Storage temperature (T-T)	-40 - 90 °C
Ethernet LAN	✓	Storage relative humidity (H-H)	0 - 95%
Ethernet LAN interface type	Gigabit Ethernet	<b>Certificates</b>	
Ethernet LAN data rates	10,100,1000 Mbit/s	Certification	CE, FCC
Networking standards	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11i, IEEE 802.11n, IEEE 802.1Q, IEEE 802.1x	<b>Weight &amp; dimensions</b>	
Cabling technology	10/100/1000Base-T(X)	Antenna diameter	51 cm
Full duplex	✓	Width	370 mm
		Depth	370 mm

<b>Network</b>		<b>Weight &amp; dimensions</b>	
Auto MDI/MDI-X	✓	Height	90 mm
Static IP	✓	Weight	2.5 kg
Dynamic IP	✓	<b>Packaging content</b>	
<b>Ports &amp; interfaces</b>		Packaging content	Includes 2 x radios, 2 x PoE injector PSU's and 2 x Tilt and Swivel 3 Axis mounting brackets.
Connectivity technology	Wired & Wireless	PoE+ Injector(s)	✓
Ethernet LAN (RJ-45) ports	1	Mounting bracket(s) included	✓
<b>Security</b>		Power supply included	✓
Security algorithms	256-bit AES, 802.1x RADIUS, SNMPv2, SSH	Antenna included	✓
MAC address filtering	✓	Quick installation guide	✓
Authentication method	WPA2 AES	<b>Packaging data</b>	
<b>Management features</b>		Package width	305 mm
Management protocols	SNMP V2	Package depth	445 mm
Web-based management	✓	Package height	460 mm
DHCP client	✓	Package weight	9.37 kg
<b>Features</b>		Package type	Box
Product type *	Network bridge	Quantity per pack	2 pc(s)
Product colour	White	<b>Logistics data</b>	
Remote control function	✓	UK Trade Tariff code	85176200
LED indicators	LAN, Signal strength	Country of origin	United Kingdom
Automatic Transmit Power Control (ATPC)	✓		
Wall mountable	✓		
Reset button	✓		
International Protection (IP) code	IP67		



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Publication date: 14-NOV-2024. Prints or copies of Information are only valid on the printed Publication date